



## Safety Data Sheet (SDS)

The content and format of this SDS is accordant with 29 CFR 1910.1200 (OSHA standard)

### 1. Identification

#### Product details

**Product name:** ACRYLIC PAINT MARKERS

**Recommended use of the chemical and restrictions on use:** Painting. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

**Supplier:** Boyle Industries Pty Ltd

Address: 8 Redland Drive, Mitcham 3132 Victoria Australia

Tel.: 03 9874 2266

Fax: 03 9874 2880

Email: sales@boyleindustries.com.au

**Emergency phone number:** 03 9874 2266

### 2. Hazards identification

#### GHS classification:

Physical hazards: Not classified

Health hazards: Not classified

Environmental hazards: Not classified

**Signal Word:** Not applicable

**Symbol:** Not applicable

#### Hazard Statements:

No relevant classification for this product.

#### Precautionary Statements:

No special requirements.

#### Response Precautionary Statements:

No special requirements.

#### Storage precautionary statements:

No special requirements.

#### Disposal precautionary statements:

No special requirements.

### 3. Composition/information on ingredients

**Product description:** substance ( ) ; preparation/mixture (√)

Ingredient (s)	CAS No.	EC No.	% by weight
Water	7732-18-5	231-791-2	52.16%
Acrylic Resin	25085-34-1	607-532-8	25%

Calcium Carbonate	471-34-1	207-439-9	15%
Titanium Dioxide	13463-67-7	236-675-5	3%
Pigment Red 170	2786-76-7	220-509-3	2.5%
Propylene Glycol	504-63-2	207-997-3	2%
2-Phenoxyethanol	122-99-6	204-589-7	0.25%
7a-Ethylidihydro-1H,3H,5H-oxazolo[3,4-c]oxazole	7747-35-5	231-810-4	0.09%

#### 4. First aid measures

**Persons using this product should consult a physician or other medical professional if an accident involving this product results in injury. Specific first-aid measures are as follows:**

**Inhalation:** No special measures as there is no hazard for normal contact. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

**Skin Contact:** No special measures as there is no hazard for normal contact. Rinse skin with water [or shower]. If skin irritation occurs: Get medical advice/attention.

**Eyes Contact:** No special measures as there is no hazard for normal contact. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Rinse mouth. Do not induce vomiting without professional instruction. Get medical attention if discomfort occurs.

**Acute effect and delayed effect:** Acute effect: Not found. Delayed effect: Not found.

**Personal protective equipment:** Wear protective gloves/protective clothing/eye protection/face protection when necessary.

**Indication of immediate medical attention and treatment needed, if necessary:** Treat according to symptoms and exposure dose.

#### 5. Fire-fighting measures

**Extinguishing Media:** CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable Extinguishing Media:** Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

**Special hazards arising from the chemical:** No further relevant information available.

##### Fire Fighting Method:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk.

Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

**Special actions for fire-fighters:** Firefighters must wear self-contained breathing apparatus and full protective equipment.

Check whether the protective equipment is in good condition before use.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Use proper personal protective equipment as indicated in Section 8.

**Environmental precautions:** Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

**Methods and material for containment and cleaning up:**

**Small Spill:**

Mop up or absorb with an inert dry material (e.g. sand, dry lime) and place in an appropriately labeled waste disposal container.

**Large Spill:**

Isolate contaminated area and set up a warning board.

Build up dike or dig pit for collection. Collect the spilled material with appropriate tools into an appropriate container and transport the waste to the disposal place.

## 7. Handling and storage

**Precautions for safe handling:**

Wash hands thoroughly after handling.

Avoid damage of packaging or containers during handling.

**Conditions for safe storage, including any incompatibilities:** Store it in a well-ventilated, cool and dry store room.

**Incompatible substances or mixtures:** Strong oxidizing agents.

**Packing material:** Plastic Tube.

## 8. Exposure controls/personal protection

**Occupational Exposure Limits:**

Ingredients	OSHA PEL-TWA	ACGIH TLV-TWA
Titanium dioxide (CAS: 13463-67-7)	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**Engineering Controls:**

Use this product only in closed systems fully or with local exhaust ventilation.

Install washer eyes and safety showers near to the handling and storage area.

Shows the location of these facilities, with a clear and prominent warning board.

**Personal Protective Equipment (For workers):**

**Protection of Hands:**

Recommend wearing protective gloves (e.g. rubber gloves).



**Protection of Eyes:**

No special requirements under normal conditions. Wear safety glasses when liquid may splash.



**Respiratory Protection:**

Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.



**Protection of Body:**

Recommend wearing general working clothing.



**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with eyes and skin.

**9. Physical and chemical properties**

General Information	
Form	Liquid
Color	Assorted Colours
Odor	Odorless
Odor threshold	No data available
pH	7-9
Melting point/freezing point	No data available
Initial boiling point and boiling range	100 °C
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas, etc.)	Non-flammable
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.05
Solubility (ies)	Soluble
Partition coefficient: n-octanol/Water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available

**10. Stability and reactivity**

**Reactivity and Chemical stability:** This product is stable under normal ambient and anticipated storage and handling

conditions of temperature and pressure.

**Possibility of hazardous reactions:** No relevant information.

**Conditions to Avoid:** No relevant information.

**Incompatible materials:** Strong oxidizing agents.

**Hazardous decomposition products:** No relevant information.

## 11. Toxicological information

### Product Toxicity Data:

Ingredient (s)	CAS No.	LD <sub>50</sub> /LC <sub>50</sub> (Median lethal dose)
Calcium carbonate	471-34-1	Acute toxicity (oral) LD <sub>50</sub> : 6450 mg/kg (rat) Data source: ChemIDplus
Titanium dioxide	13463-67-7	Acute toxicity (Oral) LD <sub>50</sub> > 5,000 mg/kg (rat) Data source: ECHA Acute toxicity (inhalation): LC <sub>50</sub> > 3.43 mg/L/4h (rat) Data source: ECHA
Pigment Red 170	2786-76-7	Acute toxicity (Oral) LD <sub>50</sub> > 15000 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> > 5000 mg/kg (rabbit) Data source: ECHA Acute toxicity (inhalation: dust): LC <sub>50</sub> > 1580 mg/m <sup>3</sup> /4 h (rat) Data source: ECHA
Propylene Glycol	504-63-2	Acute toxicity (Oral) LD <sub>50</sub> : 10500 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> > 4200 mg/kg (rabbit) Data source: ECHA Acute toxicity (inhalation: aerosol): LC <sub>50</sub> > 5 mg/L/4 h (rat) Data source: ECHA
2-Phenoxyethanol	122-99-6	Acute toxicity (Oral) LD <sub>50</sub> : 1260 mg/kg (rat) Data source: ChemIDplus Acute toxicity (Dermal) LD <sub>50</sub> : 5 mg/L (rabbit) Data source: ChemIDplus
7a-Ethylidihydro-1H,3H,5H-oxazol o[3,4-c]oxazole	7747-35-5	Acute toxicity (Oral) LD <sub>50</sub> : 5249 mg/kg (rat) Data source: ECHA Acute toxicity (Dermal) LD <sub>50</sub> > 2000 mg/kg (rabbit) Data source: ECHA Acute toxicity (inhalation: aerosol): LC <sub>50</sub> : 3.1 mg/L/4 h (rat) Data source: ECHA
Classification of the whole product:		Not classified

**Skin corrosion/irritation**

No classification for this product.

**Serious eye damage/eye irritation**

No classification for this product.

**Respiratory sensitizer**

No classification for this product.

**Skin sensitizer**

No classification for this product.

**Germ cell mutagenicity**

No classification for this product.

<b>Carcinogenicity</b>	No classification for this product.
<b>Reproductive Toxicity</b>	No classification for this product.
<b>Specific target organ toxicity, single exposure:</b>	No classification for this product.
<b>Specific target organ toxicity, repeated exposure:</b>	No classification for this product.
<b>Aspiration hazard</b>	No classification for this product.

## **12. Ecological information**

**Ecotoxicity:** No data available for the whole product.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in Soil:** As it is in liquid status, it can move in soil.

**Other adverse effects:** No relevant information.

## **13. Disposal considerations**

### **Waste treatment methods:**

Minimize the hazard of waste by the methods of neutralization and stabilization.

Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

After contents are completely removed, dispose of its container at hazardous or special waste collection point.

Paste a label on the container indicating the possible hazards of the waste.

## **14. Transport Information**

### **DOT/Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG:**

**UN proper shipping name:** Not regulated.

**Transport hazard class(es):** Not applicable

**UN number:** Not applicable

**Packing Group:** Not applicable

**Packing Group Symbol:** Not applicable

**Marine Pollutant (Yes/No):** No

**EMS NO.:** Not applicable

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable

### **Special precautions:**

Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances; stay away from fire and areas of high temperature during stopovers.

## 15. Regulatory information

### United States:

**Section 355 (extremely hazardous substances):** Not listed.

**SARA 313:** This product does not contain SARA 313 Toxic Release Chemicals.

### **Clean Water Act:**

Chemical Name	CWA - Reportable Quantities	CWA - Hazardous Substances	CWA - Priority Pollutants	CWA - Toxic Pollutants
Not applicable	Not available	Not available	Not available	Not available

**Toxic Substances Control Act (TSCA):** All ingredients are listed in the U.S. Toxic Substances Control Act Chemical Substance Inventory List.

**Carcinogenicity categories:** Not listed by EPA, NTP, ACGIH and IARC.

### Other relevant laws and regulations:

**Canada Domestic Substances List (DSL):** All ingredients are listed in the Canada DSL.

**Canada Non-domestic Substance List (NDSL):** Not listed.

**Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.

**REACH Regulation Annex XVII Regulation List:** Not listed.

**REACH Regulation Annex XIV Authorization List:** Not listed.

**Germany – WGK:** Not classified.

**(EC) 1272/2008 Annex VI Table 3.1:**

Ingredient(s)	EC No. 1272/2008 Classification	
	CLASS. CODE	HAZARD CODE
2-Phenoxyethanol (CAS: 122-99-6)	Acute Tox. 4 *	H302
	Eye Irrit. 2	H319

**Chemical Safety Assessment:** A Chemical Safety Assessment has not been carried out.

## 16. Other information

### **DISCLAIMER:**

All the information of this SDS is true and effective, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any consequence. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above-mentioned precautionary measures are helpful to avoid damage to the property or life safety during the operation or use of this product.

### **References:**

GHS Annex II

GHS SDS Instruction

ANSI Z400.1/Z129.1-2010

OSHA Hazard Communication Standard (HCS) 2012

### **Full description of some acronyms:**

**CAS-Chemical Abstracts Service**  
**EINECS-European Inventory of Existing Commercial Chemical Substances**  
**IMO-International Maritime Organization**  
**IMDG-International Maritime Dangerous Goods**  
**IATA-International Air Transport Association**  
**ICAO-International Civil Aviation Organization**  
**TSCA-Toxic Substances Control Act**  
**OSHA-Occupational Safety and Health Administration**  
**ACGIH- American Conference of Governmental Industrial Hygienists**

**The Issuing date:** March 14, 2019

**SDS Version:** 1.0

\*\*\*\*\*The End\*\*\*\*\*